



EC Declaration of Conformity

Harman Becker Automotive Systems GmbH
Becker-Göring-Str. 16
D-76307 Karlsbad, Germany

declares under our sole responsibility, that the product

Description of object : Headunit with WLAN, Bluetooth and GNSS Receiver
Brand / Model Name : BMW/ MGU FQ
Type name of system : B492

is conform to the provisions of the directives:

Directive, short title	Description, long title of the directive
2014/53/EU RED directive	Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonization of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC Text with EEA relevance. <i>Official Journal L 153, 22.5.2014</i>
Based on the evidence presented in the Technical Documentation, DEKRA Testing and Certification, S.A.U. acting as Notified Body - No. 1909 for the Radio Equipment Directive 2014/53/EU, verified and attested with Annex I to EU-Type Examination Certificate No. 69536RNB.001 Registration number: 69536RNB.001 that the technical design of the radio equipment meets certain essential requirements of European Directive 2014/53/EU, as indicated in more details on page 2.	

Additional information about the conformity to this EU directive is listed in the Attachment. This declaration is showing the compliance to the noted directive and to other product relevant European directives. The declaration covers all devices manufactured according to the related technical documentation.

Declared by:

Mr. Diego Carceles Poveda, Product Compliance Expert




Global HW Certifications, System Test & Validation / HW Validation and Certs

Karlsbad (Place) 06.07.2022 (Date) *i.V. Diego Carceles* (Signature)

Mr. Frank Weikermann, Director

Global HW Certifications, System Test & Validation / HW Validation and Certs

Karlsbad (Place) 06.07.2022 (Date) *i.V. F. Weikermann* (Signature)

	Attachment to DoC		 
	Model:	MGU FQ	
	Customer:	BMW	
	Description of Project:	Headunit with BT, WLAN, GNSS	
	Type:	B492	
	Document version:	V1.0	

The following requirements have been applied:

Directive reference:	Standard – Detail	Version/ Release date	Description of standard/RiLi
2014/53/EU RED directive Part 3.1a	IEC 62368-1	1:2014 +AC:2015+ AC:2017 +A11:2017	Audio/video, information and communication technology equipment Safety – Requirements
	EN 62209-2	2010/A1:2019	Human exposure to radio frequency fields from hand-held and body mounted wireless communication devices - Human models, instrumentation, and procedures - Part 2: Procedure to determine the specific absorption rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)
	EN 50566	2017	Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body.
2014/53/EU RED directive Part 3.1b	EN 301 489 – Part 01	2.2.3 – 2019-11	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
	EN 301 489 - Part 17	3.2.4 – 2020-09	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems
	EN 301 489 - Part 19	2.2.0 – 2020-09 Draft	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications and GNSS receivers operating in the RNSS band (ROGNSS) providing positioning, navigation, and timing data
2014/53/EU RED directive Part 3.2	EN 300 328	2.2.2 – 2019-07	Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques
	EN 301 893	2.1.1 (2017-05)	5 GHz RLAN; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
	EN 300 440	2.2.1 2018-07	Short Range Device (SRD); Radio equipment to be used in the 1GHz to 40GHz frequency range; Harmonised Standard for access to radio spectrum
	EN 303 413	1.2.1 2021-04	Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers; Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands
2000/53/EC ELV directive	2000/53/EC	09/2000	End of life vehicles (ELV)